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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 20th May 1961

CORRIGENDUM

In the Gazette of India, Part III, Sec. 2, dated 1st April 1961—

In page 97, column 1, under the heading "Applications Accepted"—

Against No. 69116—

for the word "power"

read as "pourer" wherever it occurs.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd May 1961

- 76515. Council of Scientific and Industrial Research. Improvements in or relating to the process of manufacture of protein and oil from groundnuts and other oil seeds.
- 76516. Council of Scientific and Industrial Research. Improvements in or relating to the process of manufacture of protein and oil from groundnuts and other oil seeds.
- 76517. Council of Scientific and Industrial Research. Improvements in or relating to the process of manufacture of protein and oil from groundnuts and other oil seeds.
- 76518. Allied Chemical Corporation. Improvements in or relating to the crimping of nylon yarns.
- 76519. West's Gas Improvement Company Limited. Improvements relating to plants for the complete gasification of coal and like carbonaceous materials. (12th May 1960).
- 76520. Miles Laboratories, Inc. Dialdehyde polysaccharide-urea derivatives. (23rd June 1960).
- 76521. Fichtel & Sachs A.G. Vee-belt drive with infinitely variable transmission ratio.
- 76522. Fichtel & Sachs A.G. Improvements in or relating to shock absorbers, spring units, or the like.
- 76523. Glaxo Laboratories Limited. Chemical process. (4th May 1960).
- 76524. Glaxo Laboratories Limited. Chemical compounds. (4th May 1960).
- 76525. Friedrich Uhde G.m.b.H. Process for the recovery of CO₂ of very high purity.
- 76526. The British Petroleum Company Limited. Synthetic ester lubricants. (4th May 1960).
- 76527. The British Petroleum Company Limited. Synthetic ester lubricants. (4th May 1960).
- 76528. Regents of the University of Minnesota. Preservation of animal material.

76529. Aktiebolaget Svenska Flaktfabriken. An arrangement in emission electrode for electrostatic precipitators.

76530. Ciba Limited. Process and manufacture of new aminopyrazoles.

76531. Ciba Limited. Process for the manufacture of new aminopyrazoles.

76532. Buckman Laboratories, Inc. Barium zirconium borate, pigments containing the same, and process for their production.

4th May 1961

76533. D. C. Chinai. Improvements in or relating to cements resistant to the corrosive action of acids and chemicals.

76534. Satya Brata Ghose. Electric shock eliminator.

76535. Shell Internationale Research Maatschappij N.V. Flame ionization detector. (6th May 1960).

76536. Bata Shoe Company Private Limited. Improvements relating to sewing machines.

76537. Abbott Laboratories. Improvements in antimicrobial agent M-141, its salts and method of preparation.

76538. James Howden & Company Limited. Dust separators. (18th July 1960).

76539. Imperial Chemical Industries Limited. New azo dye-stuffs. (13th May 1960).

76540. Rietz Manufacturing Co. System for the continuous diffusion of sugar cane.

76541. The Metal Box Company Limited. Improvements in or relating to decorating plastic containers. (5th May 1960).

76542. Crane Co. Yttrium containing ferrous products and methods for preparing same.

76543. Maschinenfabrik Rieter A.G. Bale rasp. (7th March 1961).

76544. The British Petroleum Company Limited. Blown bitumens and a process for making them.

76545. Shefflex Limited. Improvements in and relating to apparatus for collecting and loading refuse.

76546. Ciba Limited. Process for the manufacture of new aminopyrazoles.

5th May 1961

76547. R. S. Thapar and G. D. Thapar. Instrument for investigating cardiac activity.

76548. P. Ma Chaubal. Sun-aero-windmill.

76549. E.I. du Pont de Nemours and Company, 3,3'-hydrocarbonylene bis (tetrahydro-1,3,5-thiadiazine-2-thiones) and fungicidal compositions employing these compounds.

76550. E.I. du Pont de Nemours and Company. Polymeric thiadiazinethiones.

76551. Caterpillar Tractor Co. Multi-purpose loader bucket.

76552. The General Electric Co. of India Mfg. (P) Ltd. and J. E. Noble. Improvements in or relating to electric fans.
76553. Koppers Company, Inc. Improvements in or relating to process and apparatus for recovering fresh water from saline water.
76554. Knorr-Bremse Kommanditgesellschaft. Improvements in or relating to automatic central buffer couplings and pipeline couplings therefor.
6th May 1961
76555. Sri Jahal Lal Ray. Groundnut digging equipment.
76556. Westinghouse Electric Corporation. Improvements in or relating to power plant apparatus.
76557. Council of Scientific and Industrial Research. Central stimulants of the type of secondary and tertiary amino-phenyl propionate and propanols.
76558. Shell Internationale Research Maatschappij N.V. Compositions for protecting plants.
76559. Shell Internationale Research Maatschappij N.V. Process for the refining of hydrocarbon oils. (9th May 1960).
76560. Shell Internationale Research Maatschappij N.V. A process for the semi-regenerative platforming of hydrocarbon mixtures.
76561. Otis Elevator Company. Electromagnetic relay.
76562. United States Atomic Energy Commission. Uranium extractant for phosphoric acid liquors.
76563. United States Atomic Energy Commission. Improved solvent extraction process for the separation of uranium and thorium from protactinium and fission products.
76564. United States Atomic Energy Commission. Neutron shielding structure.
76565. Rohm & Haas Company. Cycloaliphatic esters and resinous compositions.
76566. Improved Machinery Inc. Continuous pulping apparatus.
76567. The British Oxygen Company Limited. Fractionating column and tray unit therefor. (18th May 1960).
76568. The Plessey Company Limited. Improvements in or relating to automatic over-speed and under-speed trip valves. (9th May 1960).
76569. Aerosol Associated Industries Limited. Improvements relating to a valve for the control of fluid under pressure. (9th May 1960).
76570. Egyesult Izzolampa Es Villamossagi Reszvenytársasag. Severing glass tubes. (28th March 1961).
76571. R. N. Singh. An improved speed drill. [Addition to No. 59924].
76572. Asahi Kasei Kogyo Kabushiki Kaisha. A process for improving dyeability of polyolefinic materials.
76573. K. E. Andreevich. A stage for microscopes.
76574. K. E. Andreevich and C. A. Grigorjevich. A solder for joining semi-conductor thermoelement to each other and to metals.
76575. K. E. Andreevich and C. A. Grigorjevich. A thermoelectric microrefrigerating device.
76576. K. E. Andreevich and C. A. Grigorjevich. A method of soldering copper connection strips to cooling thermopile electrodes.
9th May 1961
76577. V. P. Mathur. An economic unit for maintaining the required temperature and humidity of air forced or circulated through a chamber.
76578. Dr. Karl Thomas Gesellschaft mit beschränkter Haftung. Chemical compounds.
76579. Mavor & Coulson Limited. Improvements relating to machines for mining coal and other minerals. (12th May 1960).
76580. Esso Research and Engineering Company. Fluid fuel control system and apparatus for furnaces.
76581. Stolberger Zink Aktiengesellschaft Fur Bergbau Und Huttenbetrieb. Alloys.
76582. Amp Incorporated. Electrical sockets.
76583. Clayton Dewandre Company Limited. Improvements in or relating to fluid pressure operated braking apparatus. (10th May 1960).
76584. Clayton Dewandre Company Limited. Improvements in or relating to braking apparatus for motor vehicles. (10th May 1960).
76585. Benoyendra Narayan Roy. Improvements in or relating to valves.
76586. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Method of purifying olefin polymers.
76587. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements relating to the polymerisation of olefins.
76588. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of separating polymers having optical activity in solution.
76589. Merck & Co., Inc. Aryl substituted α -hydroxy aliphatic carboxylic acids.
76590. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating machines. (10th May 1960).
76591. Daimler-Benz Aktiengesellschaft. Improvements relating to internal combustion engines with timed ignition. (23rd March 1961).
76592. Daimler-Benz Aktiengesellschaft. Improvements relating to injection internal combustion engines. (23rd March 1961).
76593. Agfa Aktiengesellschaft. Process for improving the clarity of photographic silver halide emulsions. (13th January 1961).
76594. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of unions between materials. (10th March 1961).
76595. American Steel Foundries. Vertically interlocking railway car coupler.
76596. Union Carbide Corporation. Hydraulic brake fluids.
76597. Ciba Limited. Process for protecting organic materials from microorganisms.
76598. Ciba Limited. Process for the production of photographic images by the silver dyestuff bleaching process and photographic layers therefor.
76599. Ciba Limited. Process for the preparation of organic compounds from acetylenically unsaturated compounds.
76600. (Mrs.) Beryl Alice Enid DePenning. Improved disc plough.
76601. Capt. A. N. D'Silva. Interlocked ring-loop for sanitary towels.

Alteration of Date

69637. The claim to priority date 17th November 1958 has been abandoned and the application dated as of 10th November 1959, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

68611. Council of Scientific and Industrial Research. A new device for generating electrical power from the atmosphere. Accepted on 3rd May 1961.

Thermopile with one terminal maintained at a cool temperature by water evaporation and the other kept at atmospheric temperature.

68656. M. M. H. Khan. Strain gauge for measuring the strength of wire or the like materials and tension applied to a wire or like materials by any prestressing machine. Accepted on 5th May 1961.
- Consisting of two pulleys mounted on a frame and third pulley resiliently mounted on a slidable shank and a pointer fixed on the shank to travel along a scale.*
68685. L. C. Khanna. Water traps for use in sanitary installations. Accepted on 9th May 1961.
- The upper wall of the outlet arm of the trap at the V groove is cut to be exposed and the walls on either side of the groove are extended upwardly to form a chamber which is covered by a cover piece.*
68790. A. Birney and The Colombo Commercial Company Limited. Machine for removing stalk, fibrous substances and mineral particles from dry or black tea. (9th October 1958). Accepted on 9th May 1961.
- Comprising a feed hopper for the material to be treated, hopper having an outlet formed at least in part by a vibratory member to be traversed by the material leaving the hopper and adapted to be vibrated at a predetermined frequency and means for establishing an electrostatic field in space.*
69111. Merck & Co. Inc. Production of hexamethylene diamine. (5th June 1959). Accepted on 6th May 1961.
- By subjecting 5-aminomethyl-2-furfurylamine or the diacetate thereof to hydrogenolysis.*
69137. N. V. Novivlas. Method and apparatus for the manufacture of yarns from bast fibre stalks, especially flax. Accepted on 9th May 1961.
- The stalks are gathered exclusively at one determined distance from the root ends and compressed by a force which stows the stalks without crushing them.*
69205. Research Institute of Urban and Rural Telephone Communication. Method of making thermoelements. Accepted on 5th May 1961.
- The end of the wire or ribbon is connected to the positive electrode in the process of making said positive electrode.*
69567. Simms Motor Units Limited. Improvements in or relating to automatic gear control systems. (5th November 1958). Accepted on 3rd May 1961.
- Comprises a plurality of energising circuits, each of which comprises a transistor or other semi-conducting device and selector means for selectively bringing the energising circuits into operation.*
69587. Chas. Pfizer & Co., Inc. Tetracycline compounds and preparation thereof. Accepted on 4th May 1961.
- Reacting a tetracycline with acetoformic acid at -30°C — $+50^{\circ}\text{C}$.*
69590. Deering Milliken Research Corporation. An apparatus for handling objects, such as bobbins and the like. (22nd September 1959). Accepted on 4th May 1961.
- Comprises a first end-to-end bobbin conveyor, a second conveyor disposed at the output end of the first conveyor, a third conveyor having bobbin-receiving recesses and bobbin-reversing means.*
69593. C. V. Allander. Magnetically operable lock. Accepted on 4th May 1961.
- Characterized in that the locking elements are of magnetic material and are turnably mounted in one of movable members.*
69606. A. Maimon. Scouring machine and process for scouring grain. Accepted on 5th May 1961.
- comprises a drum having a cylindrical outer ring mounted on a support, a casing having a cylindrical ring around said drum, a layer of abrasive material covering the inner surface of the casing ring and means for feeding material.*
69612. The Patent Tiffin Carrier Sanghavi Co. Detachable handles for cooking pots or the like. Accepted on 4th May 1961.
- Comprising handle with two members secured thereto, one anchoring member to rest against pot wall and another an engagement member to engage a slot in a bracket secured to the pot wall.*
69617. Council of Scientific and Industrial Research. A process for the extraction of phenols from coal tar oils and aqueous phenolic liquors. Accepted on 9th May 1961.
- In two stages, just with organic basic solvent of amine or diamine type and then with solvent of greater solubility for phenol.*
69620. Council of Scientific and Industrial Research. A process for the production of cellular rubbers and plastics. Accepted on 6th May 1961.
- Using urea derivative RHN. CO. NH. NO₂, R being H or aryl as blowing agent.*
69623. May & Baker Limited. Process for the preparation of nitrofurfuryl derivatives. (17th November 1958). Accepted on 9th May 1961.
- Reacting 5-nitrofurfural with a hydrazide.*
69626. Clarke, Chapman & Co. Limited and M. Hutchinson. In or for a ship or other vessel, the combination of a ship's deck auxiliary a reversible steam turbine driving unit and reduction gearing (10th November 1958). Accepted on 9th May 1961.
- A ship's deck auxiliary and a reversible steam turbine driving unit and reduction gearing between them, the turbine unit comprising a rotor carrying two rings of elements, outlets for directing steam to drive the rotor and settable valve means for controlling supply of steam to the nozzles.*
69637. Fielden Electronics Limited. Servo-motor means for positioning a member in accordance with a variable quantity. Accepted on 4th May 1961.
- Comprising an amplifier and a balanceable bridge circuit, a rectifier means and a direct current motor.*
69647. E. Kusters. A coupling for transmitting a drive under constant tension by rotary movement. Accepted on 5th May 1961.
- Driving part of the coupling rotates at such a speed that the difference between the speed of the driving and driven parts is restricted to a range in which variations of speed are no longer of any influence on the torque to the driven part.*
69650. Union Carbide Corporation. Oxygen-hydrogen fuel cell battery. (23rd June 1959). Accepted on 6th May 1961.
- At least one anode and one cathode consisting of hollow, porous activated carbon tubes, having a porous surface film coating, the anode having a hydrogen dissociation catalyst, cathode having a heavy metal oxide catalyst on the surface thereof, the electrodes being surrounded by an alkaline electrolyte.*
69704. The British Oxygen Company Limited. Turning roll apparatus for supporting a rotating cylindrical body during welding. (24th November 1958). Accepted on 5th May 1961.
- At least two of the turning rolls are adapted to remain in the parallel axis position during rotation of cylindrical body and secondly one or a pair of the turning rolls is mounted so that its axis of rotation may be inclined in both senses away from parallel axis position.*
69718. V. R. Berliner and H. O. Singher. A sterile antigen and a method of preparing the same. Accepted on 4th May 1961.
- Extracting a living brucella culture with aqueous alkaline solution, having a pH greater than 7 but less than 11 and separating bacteria from aqueous alkaline solution.*

69721. Inventa A.G. Fur Forschung Und Patentverwertung. A process for the recovery of caprolactam from wash waters containing oligomers and caprolactam from waste polymeric caprolactam. Accepted on 5th May 1961.
- By treating the wash water with an anion exchange resin to form aminocaproic acid, heating the aqueous solution together with waste polymeric caprolactam and then extracting caprolactam therefrom.*
69722. Inventa A. G. Fur Forschung Und Patentverwertung. Hardenable resin compositions and process for preparing them. Accepted on 5th May 1961.
- Comprising the reaction product of 4, 4'-bis-hydroxy-3, 3'-dimethoxy-1, 1'-diphenylethane and epichlorohydrin.*
69723. Inventa A. G. Fur Forschung Und Patentverwertung. Improved process and apparatus for the recovery of caprolactam from polycaprolactam. Accepted on 5th May 1961.
- By bringing gas containing entrained monomeric caprolactam, in contact with liquid monomeric caprolactam.*
69740. Universal Oil Products Company. Process for the production of sulfur from hydrogen sulfide. Accepted on 9th May 1961.
- Absorbing sulphur dioxide and hydrogen sulphide in liquid water saturated hydrocarbon as solvent and reacting in contact with said hydrocarbon in presence of free water in excess thereby forming sulphur and separating it from the solvent.*
69753. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the preparation of 4,4'-bisoxo-3,3'-dimethoxy-1,2'-diphenylethane (bivanillyl). Accepted on 5th May 1961.
- By catalytic hydrogenation of hydrovanilloin in the presence of solvents.*
69796. Fertilizers & Chemicals Limited, A. Strauchen and J. Breslerman. Process for the manufacture of dicalcium phosphate. Accepted on 5th May 1961.
- Treating slurried liquor reaction product of calcareous rock phosphate and aqueous HCl at 0.3—1.0 pH with further quantity of lock phosphate to pH of 1.5—2.5, filtering and treating filtrate with calcium hydroxide.*
69853. P. B. Menon. An improved A.C. energy meter. Accepted on 6th May 1961.
- Voltage coil is replaced by a condenser, carrying current through half the winding of the current coil.*
69855. Firma Wilhelm Fette. Improved apparatus for rolling external and internal profiles of all kinds. Accepted on 6th May 1961.
- Press rolls are located freely rotatable on eccentric bearing members, their axes being rotatable by means provided in such a way that the rolls can be moved from their centre position.*
69904. Diamond Alkali Company. Method of producing alkali metal carbonates. Accepted on 6th May 1961.
- By particlizing a solution of an alkali metal hydroxide in an atmosphere containing carbon dioxide.*
69923. Calumet & Hecla, Inc. Apparatus for testing tubes for leakage. Accepted on 5th May 1961.
- Means for connecting a manometer between closed tubes and means for trapping identical fluid pressures in the tubes at opposite sides of manometer.*
69926. Ciba Limited. Process for the manufacture of acylated alkyleneimino-alkyl-guanidines and their salts. (Addition to No. 64883). Accepted on 9th May 1961.
- Wherein an alkyleneimino-alkylamine or a salt thereof is reacted with an acyl derivative of compounds such as S-alkyl-isothioureas.*
69940. Kamal Kumar Mitra. Electric meter. Accepted on 4th May 1961.
- Characterized in that the damper chamber formed above the base plate is in the form of a channel of curved shape and the damper plate is attached to an arm of the pointer carried by the vertical shaft on which the moving iron is mounted and three counter weights arms are mounted on vertical shaft.*
70074. Elektrokemisk A/S. Improvements relating to process and apparatus for continuous reduction of metallic oxide in a shaft furnace. Accepted on 4th May 1961.
- Wherein the major portion of the oxygen required for the combustion is injected as a stream of oxygen containing gas into the charge in the central part of the shaft cross section in the same general direction as the direction of movement of the charge.*
70077. Pittsburgh Plate Glass Company. Method of coating glass sheets and like refractory bases. Accepted on 9th May 1961.
- Heating the refractory base to a temperature above the decomposition point of an organic cobalt salt but below the melting point of the base and contacting the hot surface thereof with a composition comprising a solution of the organic cobalt salt in an organic solvent.*
70139. Moulton Developments Limited. Improvements in vehicle spring suspensions. (23rd December 1958). Accepted on 4th May 1961.
- Comprising for each wheel a suspension arm pivotally mounted at one end to spring structure by high duty journal, the opposite end supporting the wheel and a sandwich spring, one of whose sheet members rigidly located with respect to high duty journal, while the other is associated by means including a pivotal bearing with wheel suspension arm.*
70190. K. Sakamoto. Automatic stop device in power looms. Accepted on 5th May 1961.
- Lowering the form at its free ends until the projection touches the bottom part of the recess in the disc cam.*
70192. Deering Milliken Research Corporation. Apparatus for loosening bobbins from spindles. (23rd March 1959). Accepted on 5th May 1961.
- Comprises additional traverse rail moving means operatively connected to the traverse rail, said means being effective only when said rail is at the lower end of its travel.*
70216. Asahi Kasei Kogyo Kabushiki Kaisha. The method for polymerizing monoolefinic compounds and the products therefrom. Accepted on 5th May 1961.
- Polymerising in presence of a catalyst prepared by adding organo metallic complex compound composed of a metal of group II A except beryllium and magnesium and organo metallic compound of a metal of group II B except mercury with a compound selected from the group consisting of halide and oxyhalide of a metal selected from groups IV A, V A, and VII A of the periodic table.*
70219. Laboratories Om Societe Anonyme. Therapeutically active derivatives of cyclohexadienol-4-one-1, and processes for preparing the same. Accepted on 5th May 1961.
- Condensing benzoquinone with a bisulphite.*
70237. Union Carbide Corporation. Polyurethane foams and process of making them. (5th October 1959). Accepted on 5th May 1961.
- Reacting polyether, a polyisocyanate and water in presence of a catalyst composition comprising organic tin compound containing at least one direct carbon to tin bond and tertiary amine and a surfactant comprising a seloxane-oxyalkylene copolymer.*

70248. Wyandotte Chemicals Corporation. Method for preparing low viscosity, high solids calcium carbonate slurry suitable for paper coating. Accepted on 3rd May 1961.

Passing admixture of 70–78 per cent of non-aggregated calcium carbonate, 0.4–2.0 per cent of dispersant a 22–30 per cent of water to slurry of 70–78 per cent of calcium carbonate and 0.4–2.0 per cent by weight of dispersant, through attrition zone.

70258. Union Carbide Corporation. Fibrous carbonaceous material and process for producing the same. (13th November 1959). Accepted on 4th May 1961.

Comprises heating such material to cause the temperature of the material to increase at a rate of 10°C to 50°C per hour while at temperatures between 100°C and 40°C, then heating to cause the temperature to increase at a rate of upto 100°C per hour at temperature upto 900°C and finally heating at a faster rate until substantial graphitization of the material has occurred.

70301. Continental Oil Company. A system for anodically passivating a vessel containing a corrosive solution. (30th October 1959). Accepted on 9th May 1961.

A combination of an A.C. supply, a rectifier, an electrode in the vessel, means connecting said rectifier to the electrode and the vessel, a standard electrode, a current regulating means interposed in the connection of the A.C. supply and control means connected across the standard electrode and the vessel and to current regulating means.

70328. Gebr. Forster Sewing machines for sewing ornamental stitches. Accepted on 9th May 1961.

A plurality of operating members arranged on a displaceably mounted carrier in such way that due to shifting of the carrier, the said members contact successively the followers mounted in front of cam discs and serve as abutment for the operating members.

70433. Joh. Jacob Rieter & Cie. Actiengesellschaft. Device for stopping the drive of spindles of spinning and doubling frames. Accepted on 9th May 1961.

One of the contacts between the drive belt and the driving means is a disengageable lift-off member.

70441. Shell Internationale Research Maatschappij N.V. Process for the production of catalysts containing alumina and silica and process for the catalytic removal of sulphur and nitrogen compounds from hydrocarbon oils by means of these catalysts. Accepted on 6th May 1961.

Wherein the carrier is impregnated with a solution of aluminium salt and at least one element of group VI and also of group VIII of the periodic table.

70446. Parke, Davis & Company. Antibiotic called chalcomycin and method for producing the same. Accepted on 3rd May 1961.

Aerobically incubating chalcomycin-producing strain of streptomyces bikiniensis inoculated aqueous nutrient medium containing assimilable sources of carbon a hydrogen.

70449. National Malleable and Steel Castings Company. Improvements in or relating to a transitional coupling device. Accepted on 5th May 1961.

Comprising a coupler head facing in the forward direction, means for supporting coupler head forwardly of said means, pivotal means for attaching the supporting means to and thrust means supported by supporting means.

70455. K. Abildgaard. Method for the production of 7-sulfamyl-3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxide. (21st January 1959). Accepted on 9th May 1961.

By reacting a derivative of 2, 4-disulfamylaniline with an aldehyde or a reactive derivative thereof.

70586. Hewitt-Robins International, S.A. Flexible idler assembly, for supporting a flexible conveyor belt. Accepted on 4th May 1961.

Comprising an idler roll with solid centre portion and formed of flexible material, a ribbon the outer surface of roll in helical path and a core of flexible material being provided extending lengthwise through solid centre portion of roll.

70624. Veb Schwermaschinenbau "Heinrich Rau", Wildau. Device for producing and regulating the step by step feed, in particular with the cold reciprocating rolling mills. Accepted on 4th May 1961.

Characterized that a feed spindle is fixed axially and can rotate in nut held in carrier through hydraulically operated pistons, rack gear train, pistons being of the telescope type each having a separate check stop.

70635. The International Meehanite Metal Co. Ltd. Improvements in or relating to the production of cast iron. (5th February 1959). Accepted on 5th May 1961.

Nodularising graphitiser addition is sufficient to reduce the tellurium treated wedge value to within the range of one-tenth to one-half the mean casting section.

70659. Ciba Limited. Aza-bicycloalkyl-(N)-alkyl-guanidine compounds and process for their manufacture. Accepted on 5th May 1961.

Converting an aza-bicycloalkyl-(N)-alkylamine into corresponding guanidine.

70665. I.R.C. Limited. Improvements in and relating to reservoirs particularly of writing and other dispensing instruments. (6th February 1959). Accepted on 3rd May 1961.

The bore in which the follower slides is of non-capillary size having a sealing liquid in the clearance around the follower and having means for exercising on the follower.

70689. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric discharge tubes having thermionic cathodes. Accepted on 4th May 1961.

Characterized in that the parts of the insulator which are in contact with the cathode are further only connected to the remainder part of the insulator via a restricted portion forming a heat-barrage.

70699. N. Norlin. Off-set printing plate having bimetallic printing surface. Accepted on 4th May 1961.

Characterized in that the printing surface is constituted by the surface of a pre-formed multilayer metal foil.

70714. Union Carbide Corporation. Improved compound seal gasket. (15th October 1959). Accepted on 4th May 1961.

Which comprises an annular gasket of hard plastic which is resistant to cold-flow having on at least part of its surface which contacts the cover and the container of the cell a thin covering of soft material.

70837. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Improvements in bearing alloys. Accepted on 9th May 1961.

Contains 20 to 65 per cent aluminium 1 to 10 per cent copper, 0.05 to 5 per cent antimony and/or 0.1 to 10 per cent tin, and the remainder zinc.

70866. Dowty Hydraulic Units Limited. Improvements relating to shock absorbing buffers. Accepted on 9th May 1961.

Comprising telescopic piston and cylinder members together enclosing a variable volume pressure chamber discharge orifice means leading from the pressure chamber to a receiving chamber, and a filling of hydraulic liquid and compressed gas in prescribed proportion.

70905. Ciba Limited. New aminoplast compositions and process for their manufacture. Accepted on 9th May 1961.

By reacting together a methylol compound of a compound of the aminotriazine or urea group, an aliphatic compound and a compound capable of introducing atomic groupings that raise the hydrophilicity in a non-ionic manner.

70912. The British Oxygen Company Limited. A porous mass for use in the storage of acetylene. (13th April 1959). Accepted on 9th May 1961.

Porous mass comprising kieselguhr bonded with melamine formaldehyde resin.

70943. Corn Products Company. Chocolate drink base and method. Accepted on 5th May 1961.

Moistening dry sugar crystals with a solvent to develop stickiness, extruding the moistened crystals through a die to form vermiculate agglomerates and contacting the same a chocolate flavour.

70983. International Computers and Tabulators Limited. Improvements in or relating to digital summing circuits. (12th March 1959). Accepted on 4th May 1961.

Including a single binary adder, digit entry means, detecting means operable to determine if an uncorrected sum digit exceeds either the digit radix less one or the code radix less one, and means to add filler digits to the uncorrected sum digits.

71076. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semi-conductor devices. (10th April 1959). Accepted on 4th May 1961.

Having a diffused base zone located on one side of the body on which an emitter and a base are provided, a collector zone extending from the base zone towards the opposite side of the body and eroded over part of its surface and removed up to a certain depth.

71159. Westinghouse Brake & Signal Company Limited. Improvements in track fullness registering apparatus. (6th April 1959). Accepted on 6th May 1961.

Includes a device which is effective to nullify the registration in response to the signal being other than in a substantially steady state.

71160. Westinghouse Brake & Signal Company Limited. Improvements in or relating to arrangements for registering the fullness of a rail track. (10th July 1959). Accepted on 6th May 1961.

Provided with means for differentiating with respect to time the value for a signal whereby the driving means is rendered inoperative for signals derived from a vehicle moving on the track.

71178. Simon-Carves Limited. Improvements in and relating to turntables. (29th April 1959). Accepted on 9th May 1961.

Comprising a switch arm secured to and pivotable in a peripheral guide rail on the turntable and movable in a horizontal plane between a position wherein the switch arm comprises an arcuate continuation of the inner periphery of the guide rail.

71201. Associated Electrical Industries Limited. Improvements in and relating to visual indicators particularly for transistor circuits. (1st April 1959). Accepted on 6th May 1961.

A neon lamp and stabilising resistor connected between output terminal of the transistor and an external potential of a valve slightly less than the extinguishing voltage of the lamp.

71274. Massey-Ferguson Inc. Improved mounting mechanism for coupling an agricultural implement to a tractor. [Addition to No. 62022]. Accepted on 4th May 1961.

Comprising a suspension linkage including drop links, differential suspension means and a disengageable means to render the suspension linkage operative and to disable the differential suspension means.

71290. D. E. Taplin Pty. Limited. Current interrupter. (14th April 1959). Accepted on 6th May 1961.

Comprises an arc chute fixedly associated with one of the main contacts, a pair of arcing contacts mounted on and separable within said arc chute, and sliding connector devices.

71545. Pirelli Societa Per Azioni. Improvements in or relating to plastic compositions for use as fillers in multi-core electric cables. (11th February 1960). Accepted on 2nd May 1961.

Containing the same plasticiser as that used in the normal insulation of cable, the proportion of the plasticiser in the filling composition being equal to that required for maintaining a condition of equilibrium between the composition and the cable insulation.

71915. Tor-Isteg Steel Corporation S.A.H. Reinforcing bar for concrete. Accepted on 9th May 1961.

Comprising a bar having a core with at least one continuous longitudinal rib and oblique lugs on the core periphery, the length of the peripheral component of the oblique lugs amounts to at least half of the core diameter.

Opposition Proceedings

The application for a patent made by R. Garstenauer in respect of which an opposition was entered by Shalimar Tar Products (1935) Limited as notified in Part III, Section 2 of the Gazette of India dated 29th October 1960 has been treated as abandoned.

Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

57268—Padubidri Subbaraya Sarma.

Renewal Fees Paid

28120. 37368. 37725. 38114. 38432. 39681. 39793. 40066. 41227. 41368. 41369. 42781. 43199. 43216. 43350. 43362. 43373. 43457. 43484. 44174. 44341. 44829. 45138. 45230. 45238. 45350. 45351. 45467. 45563. 45699. 45820. 45970. 46416. 47237. 47258. 47275. 47354. 47363. 47371. 47424. 47439. 47470. 47479. 47596. 47655. 48106. 48245. 48966. 49162. 49598. 49654. 49698. 49902. 49964. 51275. 51452. 51658. 51692. 51737. 51961. 52006. 52142. 52153. 52180. 52193. 52779. 54034. 54472. 54473. 54474. 54512. 54571. 54572. 54598. 54602. 54610. 54614. 54617. 54637. 54657. 54716. 54752. 54815. 54993. 55374. 55375. 55411. 55764. 55900. 56123. 57012. 57231. 57232. 57254. 57260. 57264. 57313. 57349. 57364. 57401. 57416. 57417. 57445. 57447. 57463. 57464. 57465. 57483. 57531. 57546. 57547. 57573. 57576. 57594. 57603. 57673. 57687. 57818. 58018. 58026. 58113. 58248. 58363. 58312. 58313. 58314. 58315. 58316. 58317. 58318. 58389. 58463. 58512. 58583. 58856. 59908. 60249. 60402. 60434. 60457. 60463. 60479. 60496. 60555. 60564. 60575. 60601. 60630. 60636. 60682. 60688. 60700. 60709. 60730. 60740. 60749. 60853. 60856. 60885. 60889. 60898. 60907. 60908. 60919. 61007. 61108. 61114. 61115. 61272. 61283. 61442. 61447. 61568. 61638. 62152. 62356. 63821. 63953. 64020. 64183. 64259. 64260. 64283. 64532. 65026. 65027. 69616.

RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

Mysore Patents

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Cessation of Patents

29993. 31446. 33222. 33225. 33466. 40256. 40269. 40274. 41982. 42008. 48052. 48056. 48057. 48077. 48078. 50276. 50284. 52738. 52739. 52742. 52754. 55412. 55425. 55428. 58395. 58400. 58408. 58415. 58437. 58442. 58444.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 107490. (i) Ram Nath Sharma, Indian National, S/82 Industrial Area, Jullundur City, (Punjab), (ii) Ram Parkash Sondhi, Indian National, Kot Kishan Chand, Jullundur City, (Punjab), "Brass bracket", December 5, 1960.

- Class 1. No. 107503. Naba Kumar Routh, 78, Netaji Subhas Road, Calcutta-7, West Bengal, an Indian Subject, "Fish net bullets (jalkanti)", December 8, 1960.
- Class 1. No. 107569. Abdul Kadeer Ansari, 24, Azeezia Street, Pernambut, North Arcot District, Madras State, South India, Subject of the Indian Republic, "Type faces", December 17, 1960.
- Class 1. No. 107576. Babulal Chhaganlal (an Indian registered Partnership firm, registered under the Indian Partnership Act), Hanuman Building, Tambakanta, Bombay-3, Maharashtra, India, "Cooker-cum-container", December 19, 1960.
- Class 1. No. 107779. Punjab Plastic Industries, 796 Muquimpura, Subzi Mandi, Delhi-6 (India), Indian Partnership Concern, "Cycle bell", January 3, 1961.
- Class 3. No. 106966. Thomas John Robert Bright, a British Subject, 270 Sandridge Road, Rockcliffe Park, Ottawa, Ontario, Canada, "A draught excluding or sealing strip" (23rd August 1960), October 28, 1960.
- Class 3. No. 107568. Surendra Maneklal Vakeel, 30 Khatarali Lane, Bombay, Maharashtra, Indian Subject, "Lids, caps and closures for containers", December 16, 1960.
- Class 3. No. 108446. Amirali Gulamhusain Bachooali, An Indian Citizen, Bachooali House, Bombay-9, Maharashtra, India, "A toy gun", March 1, 1961.
- Class 3. Nos. 108486 and 108487. Dunlop Rubber Company Limited, a British Company of Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", October 5, 1960 (U.K.).
- Class 3. No. 108488. Telerad Private Ltd., An Indian Private Limited Company, registered under the Indian Company's Act, Atlas Mills Compound, Reay Road, Bombay-10, Maharashtra, India, "Radio cabinet", March 8, 1961.
- Class 5. No. 107677. Mohammed Abdul Razaque, an Indian Subject, 2B, Amratolla Lane, Calcutta-1, West Bengal, "Label", December 24, 1960.
- Class 5. Nos. 107762 to 107768. Akbarally Adamji Tawawalla, Heptulla Park, Hassanabad 2nd Lane, Santacruz, Bombay-23, Maharashtra, Indian Subject, "Wrapper", January 2, 1961.
- Class 5. No. 107772. S. Mahd Ayub Mohd Yakub, Kannauj (U.P.), Indian Partnership concern, "Label", January 2, 1961.
- Class 5. Nos. 108270 to 108272. Roche Ramchand Pardasani, Bhatia Building, 87, Ranade Road, Shivaji Park, Dadar, Bombay-28, Maharashtra, Indian Subject, "Boards for games", February 17, 1961.
- Class 5. No. 108540. Ram Gopal Varshney, Indian National, Katra Pathanan, Ferozabad, District Agra, U.P., "Carton", March 10, 1961.
- Class 13. No. 107529. Shree Ram Mills Ltd., Fergusson Road, Parel, Bombay-13, India, a company incorporated in India, "Textile piece goods", December 9, 1960.
- Class 13. Nos. 108204 to 108206. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 13, 1961.
- Class 13. Nos. 108251 to 108257. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", February 15, 1961.
- Class 13. Nos. 108298 and 108300. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", February 20, 1961.
- Class 13. Nos. 108302 and 108303. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road, (South), Parel, Bombay 13, Nationality—Indian, "Textile goods", February 20, 1961.
- Class 13. No. 108307. Messrs. New Era Fabrics Private Ltd., Tulsi Pipe Road, Bombay 16 (Registered under the Indian Companies Act 1956), "Textile goods", February 20, 1961.
- Class 13. Nos. 108314 to 108316. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", February 23, 1961.
- Class 13. Nos. 108317 to 108319. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", February 23, 1961.
- Class 13. Nos. 108396, 108407 and 108410. Shree Ram Mills Limited, Ferguson Road, Parel, Bombay-13, India, a Company incorporated in India, "Textile piece goods", February 27, 1961.
- Class 13. Nos. 108462 to 108464. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", March 4, 1961.
- Class 13. Nos. 108597 to 108599. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay 13, "Cotton piecegoods", March 21, 1961.
- Class 13. Nos. 108858 and 108859. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road, (South), Parel, Bombay 13, Nationality—Indian, "Textile goods", April 10, 1961.
- Class 13. Nos. 108864 to 108869. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay-12, Nationality—Indian, Business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", April 11, 1961.
- Class 13. Nos. 108876 to 108882. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piece-goods", April 13, 1961.
- Class 13. Nos. 108896 to 108900. Tootal Broadhurst Lee Company Limited, 56 Oxford Street, Manchester 1, England, a British Company, "Textile goods", April 19, 1961.
- Class 14. No. 107531. Shree Ram Mills Ltd., Fergusson Road, Parel, Bombay-13, India, a company incorporated in India, "Textile piece goods", December 9, 1960.
- Class 14. No. 107557. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road (South), Parel, Bombay-13, Nationality—Indian, "Textile goods", December 15, 1960.
- Class 14. No. 108258. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", February 15, 1961.
- Class 14. Nos. 108536 to 108539. Kesoram Cotton Mills Ltd. Indian Company, 42, Garden Reach Road, Calcutta-24, "Textile goods", March 10, 1961.

Copyright Extended for a Third Period of Five Years

Design No. 73055, Class 1.

Design No. 73388, Class 5.

Cancellation of the Registration of Designs

An application has been made by The Raipur Manufacturing Co. Ltd., for cancellation of the registration of design No. 103719 in the name of The New Asarwa Mills Private Ltd.

Cancellation of the Registration of Designs

An application has been made by Messrs. Natverlal Manchharam Jariwala for cancellation of the registration of design No. 104057 in the name of Balubhai Kanji Mody trading as Tribhovandas & Co.

Cancellation of the Registration of Designs

An application has been made by Messrs. Natverlal Manchharam Jariwala for cancellation of the registration of design No. 106872 in the name of Tribhovandas & Co.

S. VENKATESWARAN

Controller General of Patents, Designs and Trade Marks

